

Figure 1: Prior Art

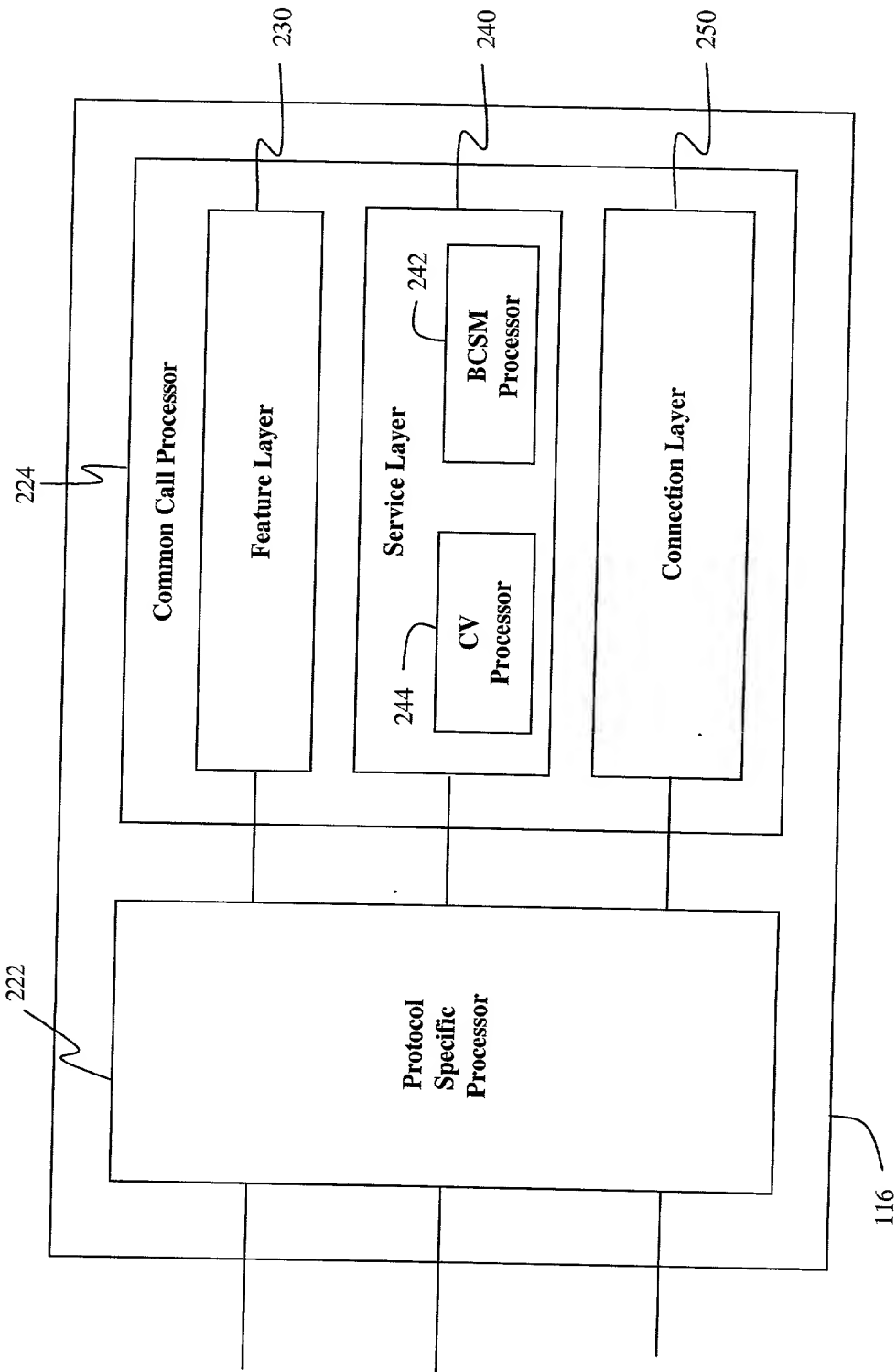


Figure 2: Prior Art

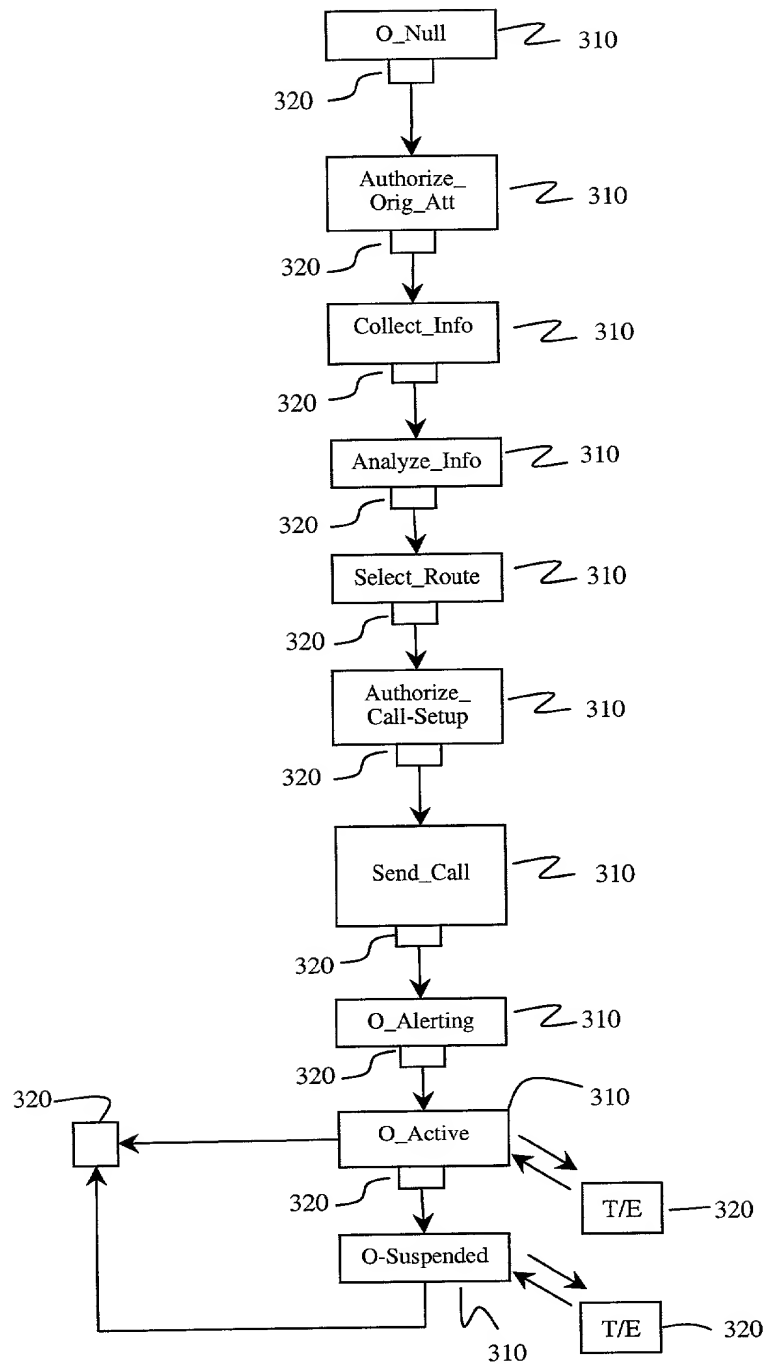
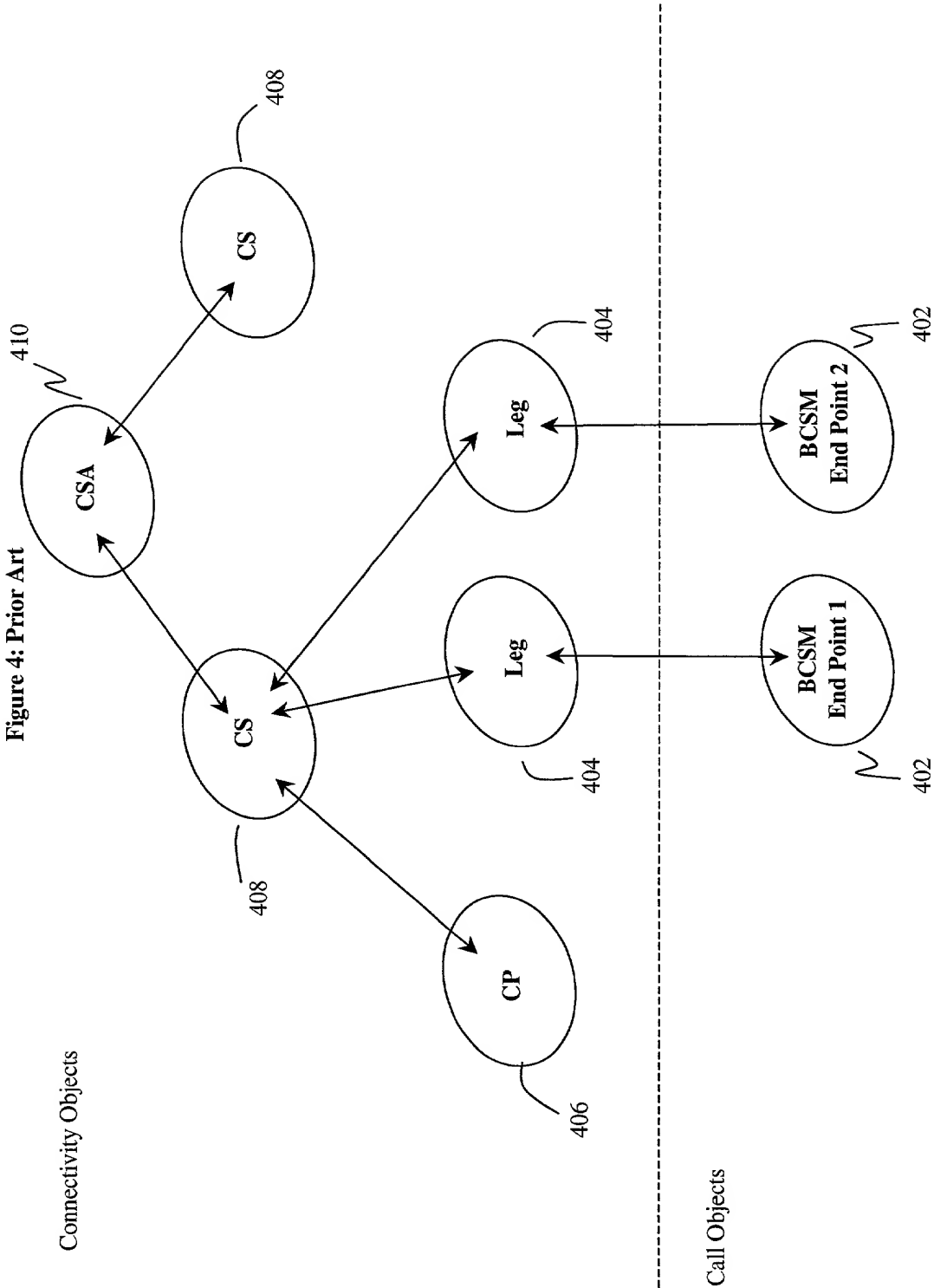


Figure 3: Prior Art



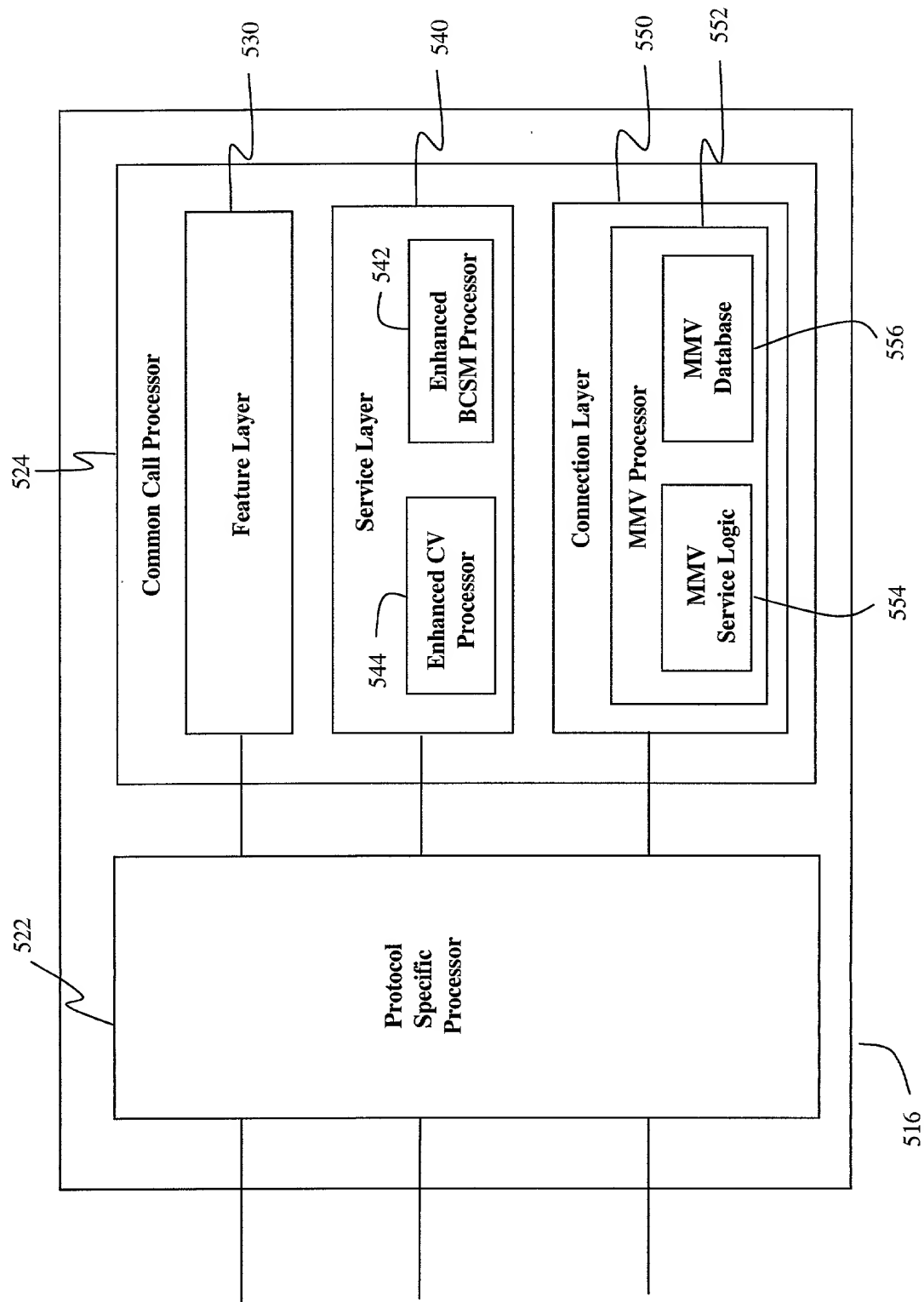


Figure 5

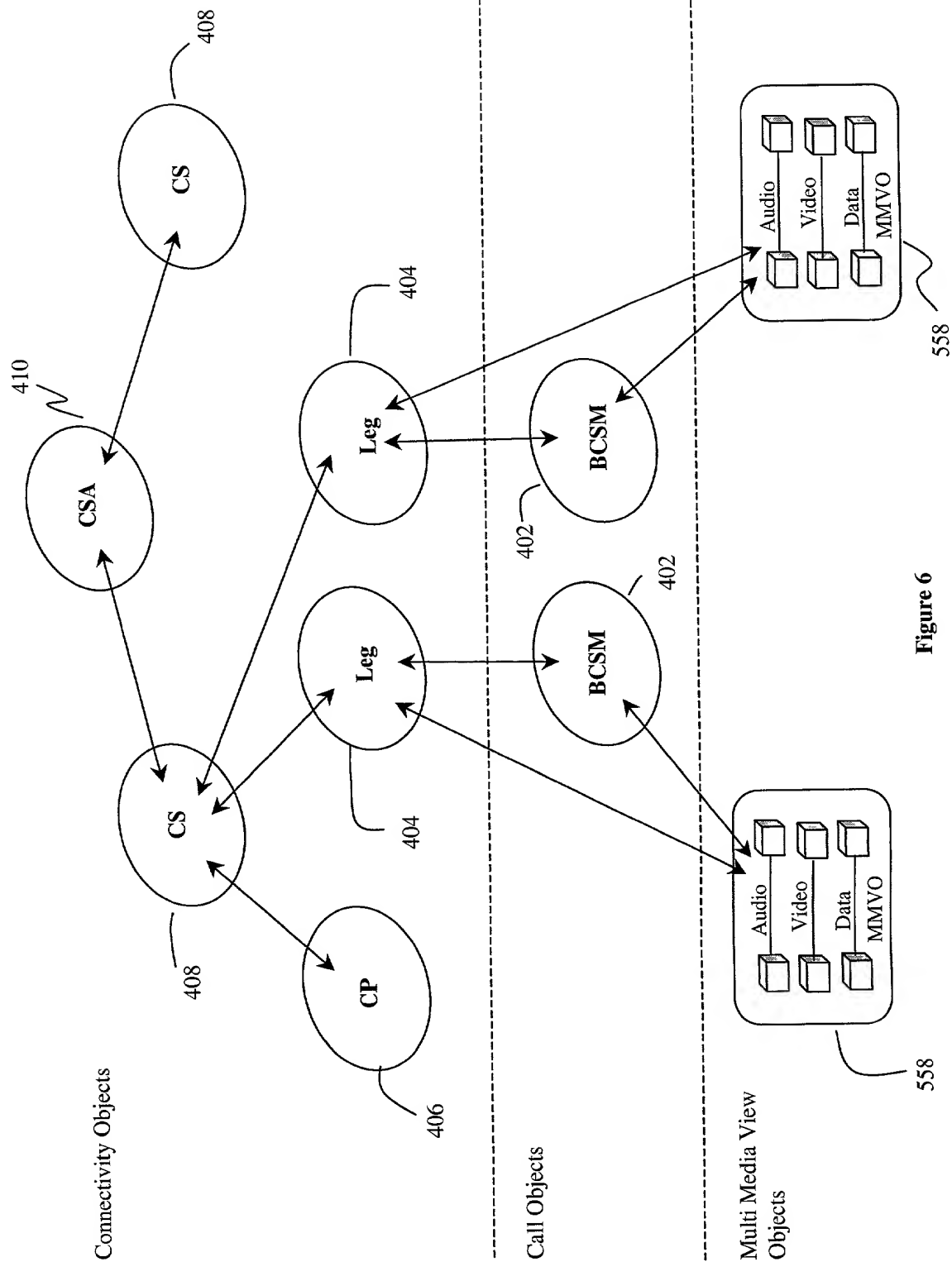


Figure 6

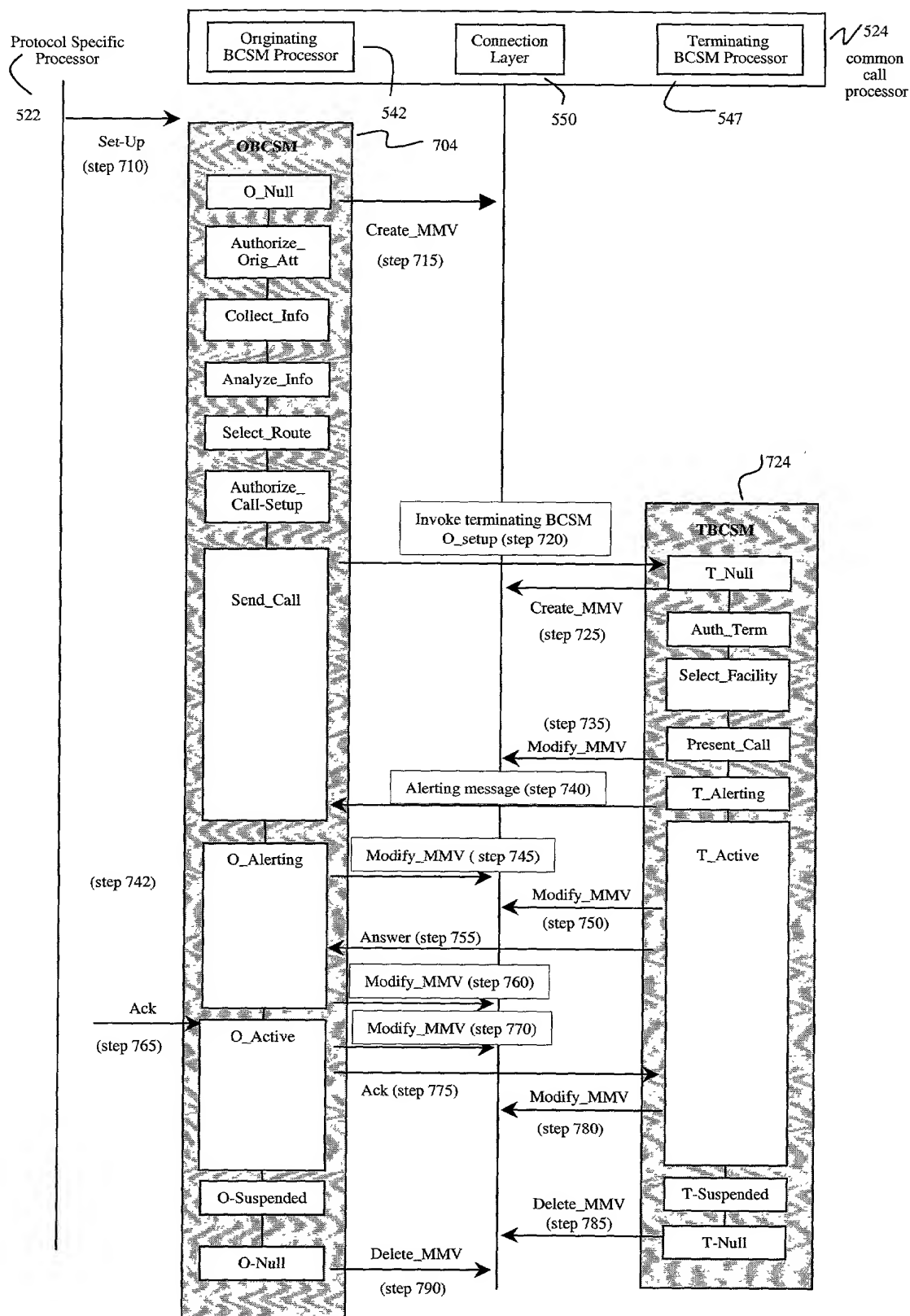


Figure 7

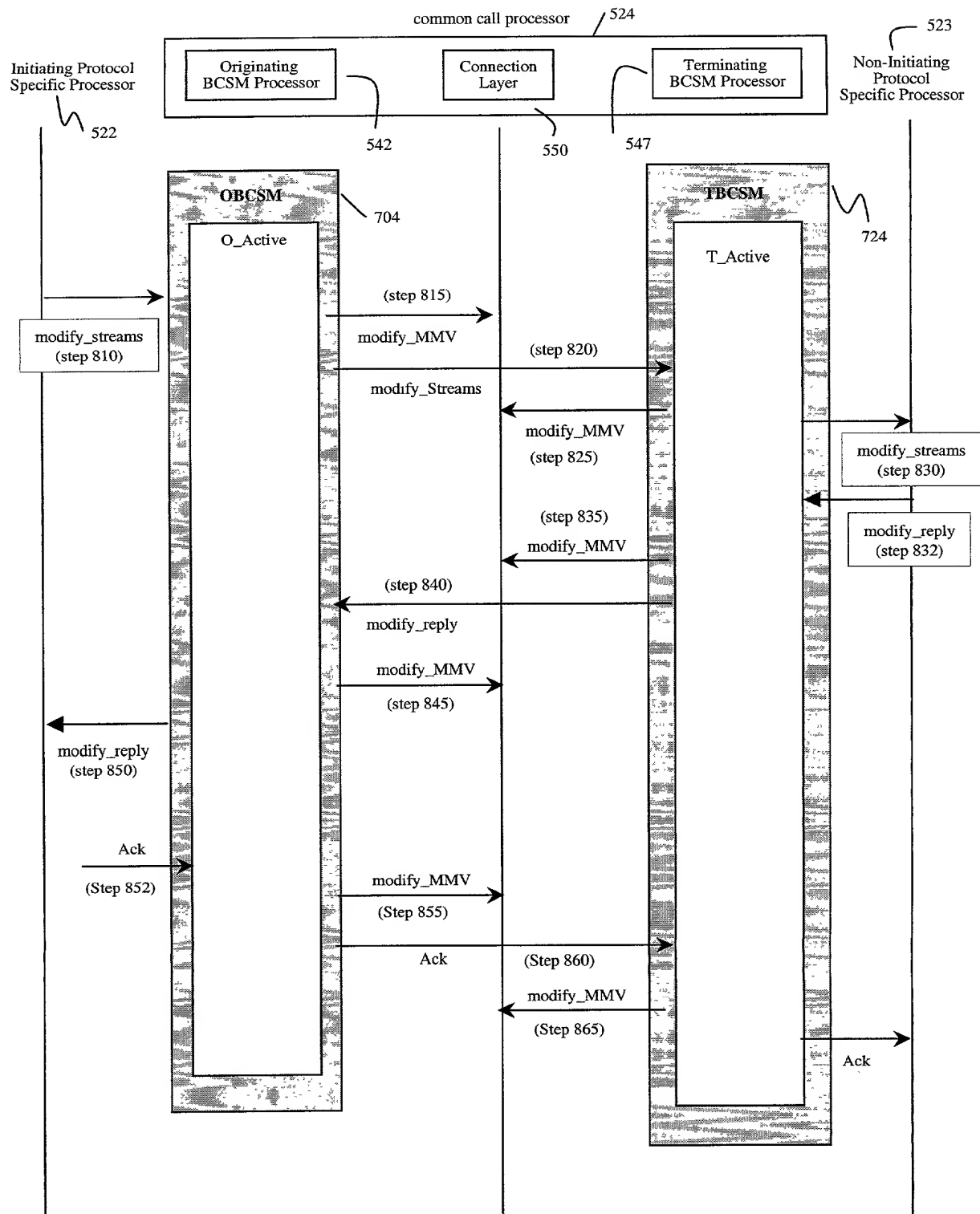


Figure 8



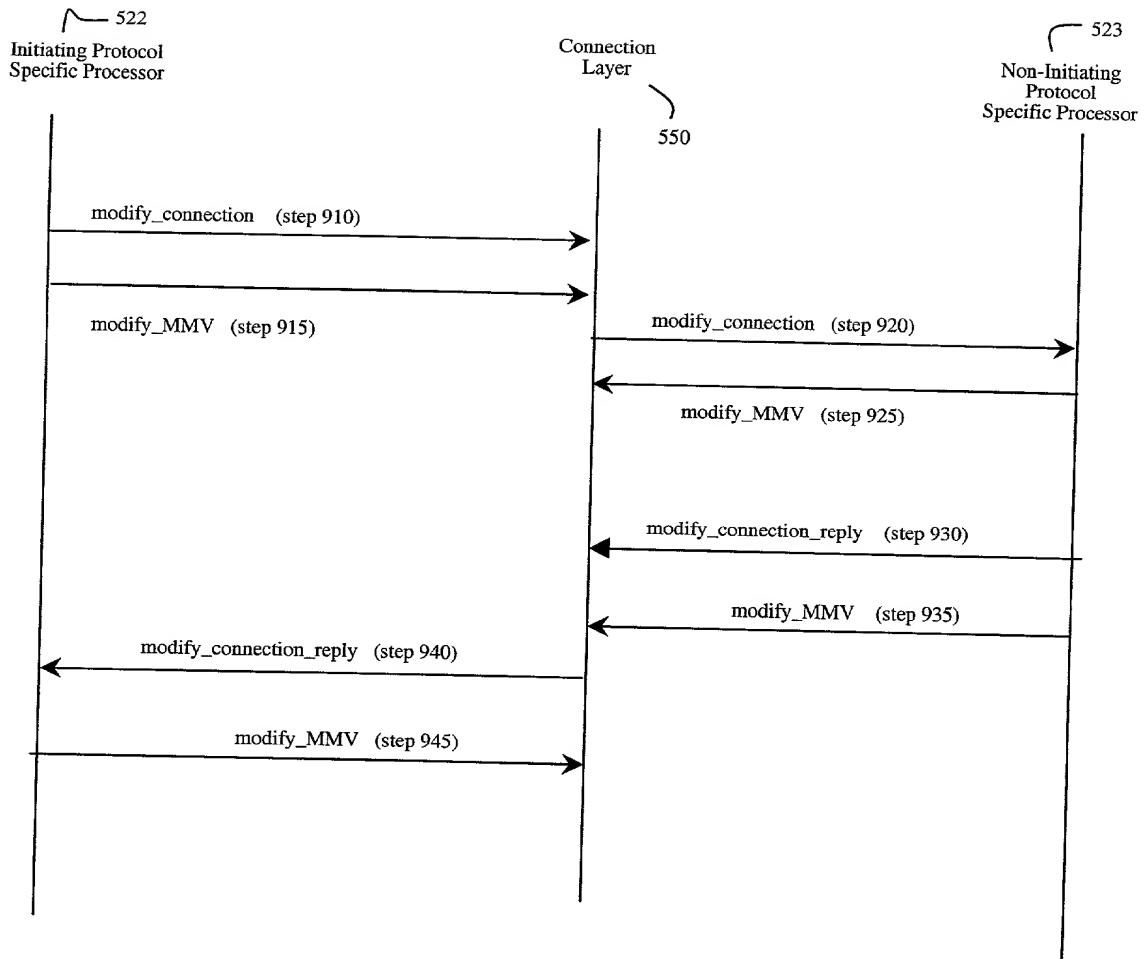


Figure 9

Figure 10 illustrates a network architecture. A central Backbone Packet Net (106) is connected to three Access Packet Nets (104). Each Access Packet Net (104) is connected to an Access G/W (108) and a Backbone G/W (110). The Access G/Ws (108) are connected to SM (516A, 516B, 516C) and various devices (121A, 121B, 121C). The Backbone G/Ws (110) are connected to the Backbone Packet Net (106). The SMs (516A, 516B, 516C) are connected to the Access G/Ws (108) and the Backbone G/Ws (110). The devices (121A, 121B, 121C) are connected to the Access G/Ws (108).